STORMWATER TREATMENT SYSTEM FOR ELIMINATING SOLID DEBRIS

Abstract of the Disclosure

A stormwater treatment system designed to separate floating pollutants, liter, and contaminated settling solids from drainage discharge. The system uses a cylindrical tank, buried below the ground, which enables separation of the pollutants. The stormwater flows around the inside perimeter of the tank until it flows into an inner cylinder through a weir (or weirs). This causes a delayed flow due to the limited entry point through the vertical weir. The extended amount of resonance time allows for separation of pollutants, liter, and contaminated solids. The stormwater continues to separate itself as it flows around the inner cylinder, up through a vertical pipe and out an outlet pipe. The solid contaminants which are left behind are stored and able to be removed later.